

Technical Data Sheet

Manganese Iron Brown



FINELAND CHEM
泛成化工

General Information

Color Index	Pigment Brown 43 (C.I. 77536)
Product Code	ColorCor®1243
CAS NO.	68186-94-7
EC No.	235-049-9
Chemical Formula	Mn-Fe-O
Hue	Brown powder

Physical Properties

Density (g/cm ³)	4.2
Oil Absorption (g/100g)	10-28
Water soluble matter (%)	≤1.0
Mositure	≤1.0
PH Value	6-9
Sieve residue on 45 microns (%)	≤0.5
Primary particle size D50 (μm)	~2.0

Fastness Properties

Heat Resistance (°C)	<800	Alkali Resistance (1-5)	5
Light Resistance (Full Shade, 1-8)	8	Migration Resistance(1-5)	5
Light (Reduced tinting, 1-8)	8	Ethyl Acetate (1-5)	5
Weather Resistance (1-5)	5	Ethanol (1-5)	5
Acid Resistance (1-5)	5	MEK (1-5)	5

Application & Performance

Recommended for Plastic,PO,PVC(PVC & PVC Leather cloth),EVA,ABS,PS. Industrial paints,Coatings(Powder/Coil/Architectural),Fluorocarbon coating,Silicon coating,Heat resistance coating,Military camouflage coating etc.Exterior building products.Glass printing ink applications.Ceramic applications.

Note

*Product specific and application information are based upon our current knowledge. They are non-binding and cannot be taken as guarantee. Users must establish the suitability of individual products. We do not accept any liability relating to the use of our products in particular applications.

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